## **ASX Release**





#### **Corporate Presentation – Good Oil Conference**

Buru Energy Limited provides the attached presentation to be made today by the Executive Chairman at the Good Oil Conference.

Visit www.buruenergy.com for information on Buru Energy's current and future activities.

#### For investor inquiries please contact Buru Energy:

Telephone: +61 8 9215 1800 Freecall: 1800 337 330

Email: info@buruenergy.com



## Corporate Update

# **a**GoodOilConference

12 & 13 September 2018





Profitable oil producer

Long life early stage oilfield

Basin wide acreage position

**Current drilling program** 

Commercial and portfolio strength







## **Corporate Overview**



C	apital	Structure

Formed 2008

Ticker ASX:BRU

Index S&P/ASX All Ords

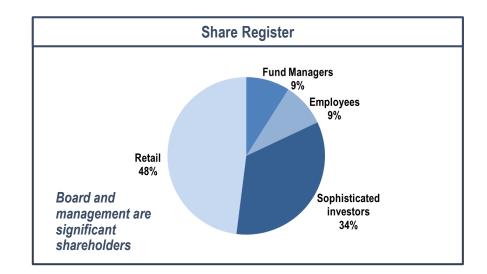
Shares on Issue ~432 million

Share Price ~A\$0.24

Market Cap ~A\$104 million

Cash on Hand ~A\$18 mm + \$51 mm receivable

from Roc Oil



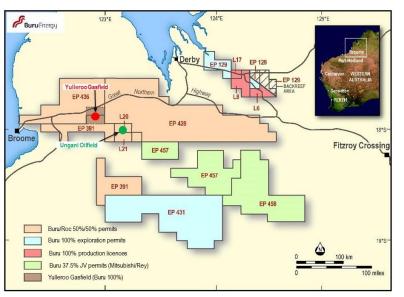




## Profitable oil producer - Ungani Oilfield Overview



- Play opening conventional oilfield
- 100 km east of Broome
- High quality oil (37 deg API)
- High flow rate conventional vugular dolomite reservoir
- Simple low cost production and storage system
- Oil currently trucked to Wyndham and shipped out from 80,000bbl storage tank
- Currently targeting production of 1,800 bopd with longer term goal of 3,000 bopd
- First 1,000,000 barrels produced early September 2018
- Currently focused on increasing production through well enhancement, de-bottlenecking and additional production wells



Ungani Oilfield location

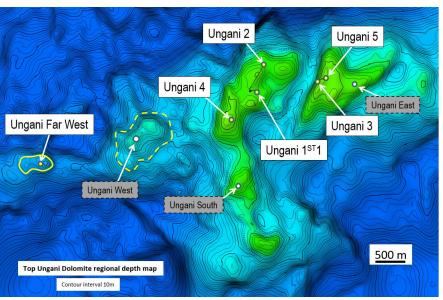


Ungani field facility

## Ungani Oilfield development ongoing



- Drilled Ungani 4 and Ungani 5 late 2017
- Production restarted from Ungani 1 and Ungani 2 on 3 May 2018 after shutin for flooding of access road
- U 5 flowed +1,200 bopd on initial test and now on free flow production
- U 4 flowed at significantly lower rates than expected (up to 400 bopd) most likely due to mechanical issues restricting production
- U 4 currently being sidetracked aiming to increase production
- Ungani Far West 1 (UFW) recently put on production with good initial flow rates
- Ungani North 1 re-tested but commercial flow rates not achieved (currently under review)
- Forward program will include additional drainage points on the field





## Ungani Oilfield - Commercial and Forward Program



#### Sales

- Crude is sold FOB Wyndham to Trafigura at fixed discount to Brent to account for shipping costs to regional refineries
- Latest lifting 52,000 bbls (gross) on 16 August

#### Cash flow

- Buru 50% operator with Roc Oil 50%
- Operating cost A\$30/bbl to A\$35/bbl

#### **Forward Program**

- Focus on production enhancement and continuation
- Artificial lift in Ungani 5 and UFW
- Sidetrack of Ungani 4 underway
- Ungani West 1 exploration well to follow Ungani 4 sidetrack
- Potential for Ungani South and Ungani East production wells and for horizontals next year



FTA quad with ~880 bbls



Crude tanker route from Ungani to Wyndham



Crude tanker at Wyndham Port



Crude storage tanks in Wyndham

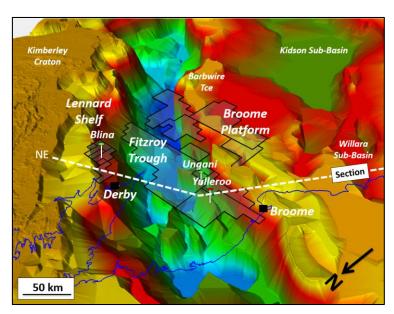
## Basin wide high prospectivity – controlling acreage position

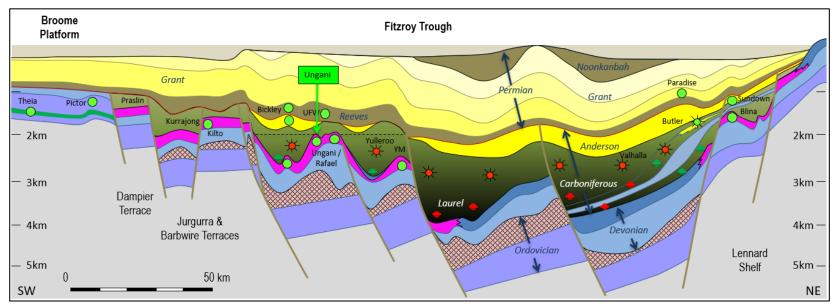


 Extensive oil and gas permit holdings with nominal work commitments

Acreage Holdings	Sq Kms	Acres	
Gross	22,000	5.4 million	
Net	13,074	3.2 million	

- Permit holdings focused on Fitzroy Trough conventional oil potential with major tight gas/liquids accumulation in Laurel
- Significant exposure to Broome Platform tight (shale) oil prospectivity
- Long term local operator of all permits with high equities (generally 50% to 100%)
- Strong partners (Roc Oil and Mitsubishi)





## High quality exploration prospect portfolio

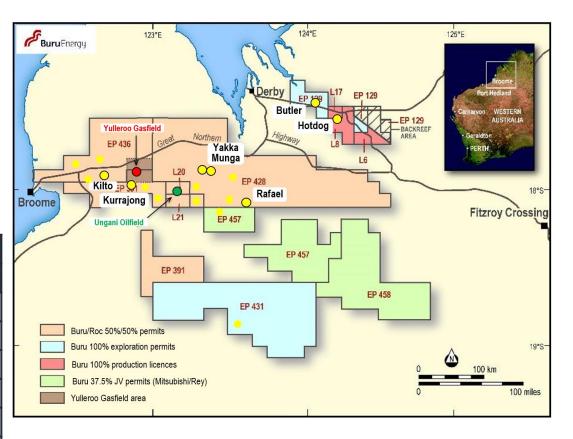


#### **Extensive high prospectivity portfolio**

- Proven conventional oil play system over 150 kms
- Range of prospect sizes up to world class potential
- Range of play types from proven Ungani Dolomite and Reeves discovery (UFW) to new high potential concepts for both oil and gas
- Contingent resources in tight and conventional gas
- High potential shale oil play in Goldwyer Formation

#### Selected drill ready prospects

Gross Prospective Resources - Refer Cautionary Statement						
Recov. Oil m	mbbls/TCF	Buru %	Low	Best	High	
Rafael	mmbbls	50%	34	75	142	
Kurrajong	mmbbls	50%	17	27	40	
Yakka Mung	ja mmbbls	50%	22	66	144	
Kilto	mmbbls	50%	11	17	25	
Hotdog	mmbbls	100%	10	22	45	
Butler Conv	ent. TCF	100%	0.3	1.5	3.0	
Butler tight	gas TCF	100%	0.5	2.1	6.6	



The following cautionary statement applies to all statements of prospective resources set out in this section and in the presentation generally. The referenced prospective resources are unrisked and calculated using probabilistic methods.

Cautionary statement:

"The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons".

## Forward program

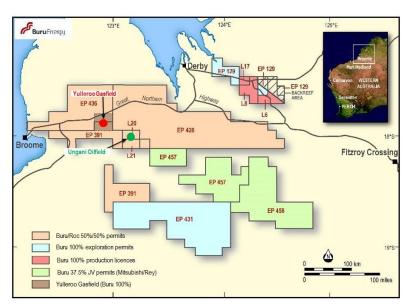


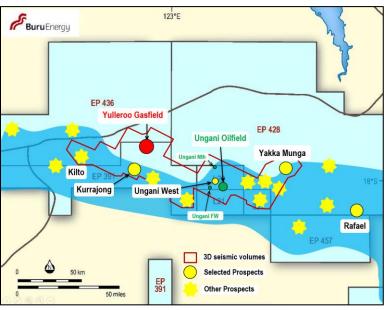
#### **Drilling Program**

- Under Roc farmin terms Buru carried through \$20mm costs of \$25mm expenditure for up to four wells on high potential conventional oil targets
- DDGT 1 rig at Ungani 4 with sidetrack of Ungani 4 currently underway
- Next well Ungani West 1 conventional dolomite exploration target to the west of Ungani Oilfield
- Rest of 2018 program likely to also include additional Ungani production focused drilling
- High prospectivity Rafael prospect drilling deferred to early next year due to larger rig requirement
- Bigger rig negotiations advanced with planning to commence exploration wells immediately following the wet season (April/May 2019)
- Focus on conventional oil continues across all Buru permits

#### **Prospect Portfolio**

- Work underway to top up prospect portfolio for both 2019 drilling and longer term
- Highly experienced specialist consultant team assembled to "sweat the assets" and ensure best prospects are drilled and developed





#### Unconventional Gas and Oil Resources

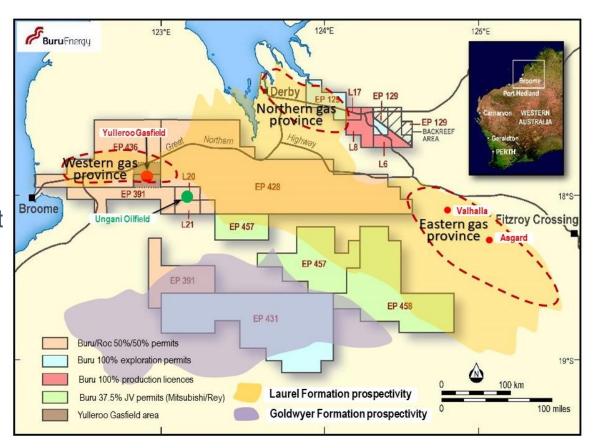


#### **Laurel Tight Gas**

- Major gas accumulation in the geological centre of the basin
- Stretches from east of Broome to west of Fitzroy Crossing
- Has been best defined at Yulleroo 70km east of Broome
- Evaluation of Yulleroo Gasfield by RISC determined 2C Contingent Resources net to Buru of some 714 petajoules of recoverable gas with 24.9 mmbbls of associated liquids.

(Refer to Buru's ASX release of 18 Jan 2018)

- Requires fraccing to be fully developed
- Small scale gas project could supply all the energy needs of the Kimberley for decades
- Large scale project with ~8 well pads could supply gas to the Pilbara
- Buru maintains 100% of unconventional gas in the Laurel Formation including Yulleroo Gasfield
- Conventional gas part of JV with Roc Oil



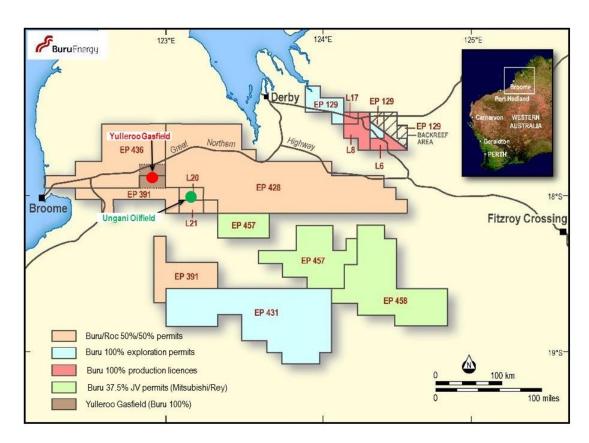
#### Tight oil (Goldwyer Shale)

- Goldwyer Shale Formation has many similarities to the Bakken, best tight oil in the US
- Trend extends on to Buru's 100% owned EP 431 with adjacent drilling planned in 2019 by Theia Energy

## Roc Oil Transaction (announced 21 May 2018)



- On 21 May 2018 Roc Oil purchased a 50% interest in the Ungani production licences L20 and L21 (the Ungani Oilfield) for a total cash payment of \$64 million (\$13 mm already paid, \$51 mm paid on permit transfers, expected later this month)
- Roc Oil is acquiring a 50% interest in exploration permits EP 391, EP 428 and EP 436 by paying \$20 million of a \$25 million exploration program of up to four wells
- The Farm-in Transaction does not include the Laurel Formation unconventional gas accumulation within the Permits which will remain 100% owned by Buru. The Unconventional Gas Assets include the Yulleroo Gasfield
- ROC has a first right of refusal on Unconventional Gas dealings
- Any conventional gas found in the permits is the property of the joint venture (Roc/Buru 50/50)



 Buru is operator of the Ungani Oilfield, all of its permit holdings, and the Unconventional Gas Assets.

## Commercial and Portfolio strength



- Cash/Receivables: ~A\$18 mm +A\$51 mm receivable from Roc Oil under purchase agreement for 50% of Ungani Oilfield
- **Debt:** Remaining Alcoa debt of A\$7.5 mm. Next payment A\$2.5 mm 31 Dec 2018 (plus produ uplift amount)
- Overheads: fit for purpose team, Roc contributing to operational overheads on joint permits
- Cash flow: Oil price +A\$100/bbl provides substantial profitability
- Commitments: Permit work commitments waived and tenure secure until 2023/24
- Capex: Focus on Ungani development and cash flow generation, exploration drilling 80% carried by Roc Oil
- Well funded for development of new discoveries, follow-up drilling and new venture opportunities
- Portfolio: 50% of Ungani and 50% to 100% of high value exploration acreage, and 100% of world scale prospective unconventional gas and oil resources





## Forward Strategy for Value Add



#### Oil Production

- Focus on increasing and maintaining production
- Well optimisation, artificial lift, new wells normal field development process

#### Near field opportunities

- Ungani Far West oil pool production from both Ungani Dolomite and then Reeves Sandstone sections
- Ungani Dolomite now on production from UFW 1 at substantial fluid and oil rates

#### ■ Multi well exploration drilling program in 2018/2019

- DDGT Rig 1 now operating on Ungani 4 and available through to early 2019 for Ungani and exploration prospects
- Big rig available for 2019 drilling including high potential Rafael prospect
- Appraisal of Yulleroo gas resource subject to WA Government fraccing inquiry
- 2019 timeframe for getting back on ground assuming moratorium is lifted









Profitable oil producer

Long life early stage oilfield

Basin wide acreage position

**Current drilling program** 

Commercial and portfolio strength











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